



Samsung Galaxy Tab 2 10.1 Charger Port Replacement

This guide will demonstrate the removal of the charger port.

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INTRODUCTION

If the charging cable is working but your tablet wont charge, you need to replace the charger port.

Caution: Some images display the steps using a metal spudger. Use the heavy-duty spudger instead to avoid damaging your circuits.

For more information on connectors, visit [this page](#).



TOOLS:

- [Metal Spudger](#) (1)
- [iFixit Opening Tools](#) (1)
- [Phillips #000 Screwdriver](#) (1)
- [Heavy-Duty Spudger](#) (1)




PARTS:

- [Galaxy Tab 2 10.1 Charging Port Assembly](#) (1)

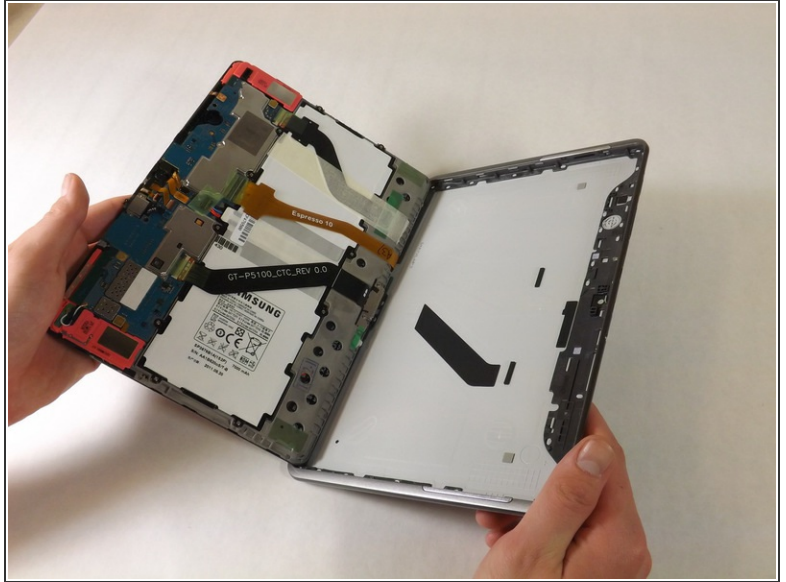
Step 1 — Back Cover



 The plastic opening tool may break during this step. You may need to use the heavy duty spudger instead.

- Insert the plastic opening tool between the glass screen and the back cover so the curved end of the plastic opening tool is under the glass. Gently pry the back cover away from the glass screen.
- Continue inserting the plastic opening tool around the whole device screen to completely separate the back cover from the glass screen.

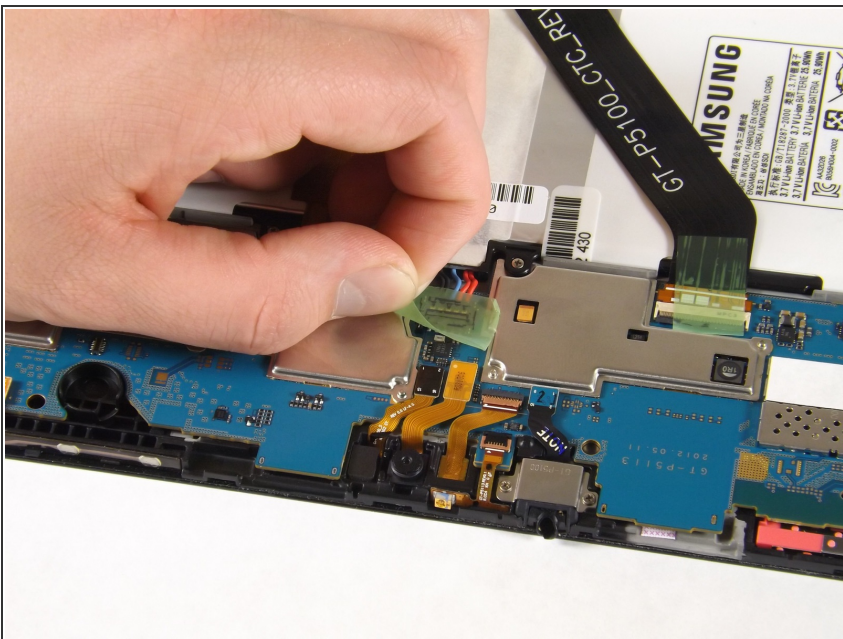
Step 2



- Gently lift the screen up with your finger.

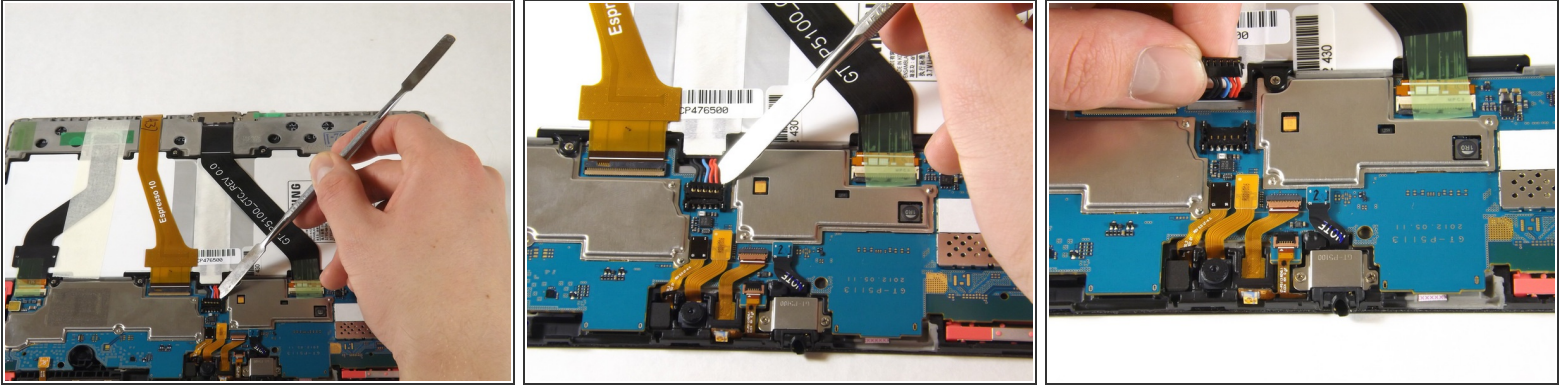
i If the screen will not separate from the back cover, try repeating step 1.

Step 3 — Battery Disconnect



- Using your fingers, remove the green tape covering the battery connector.

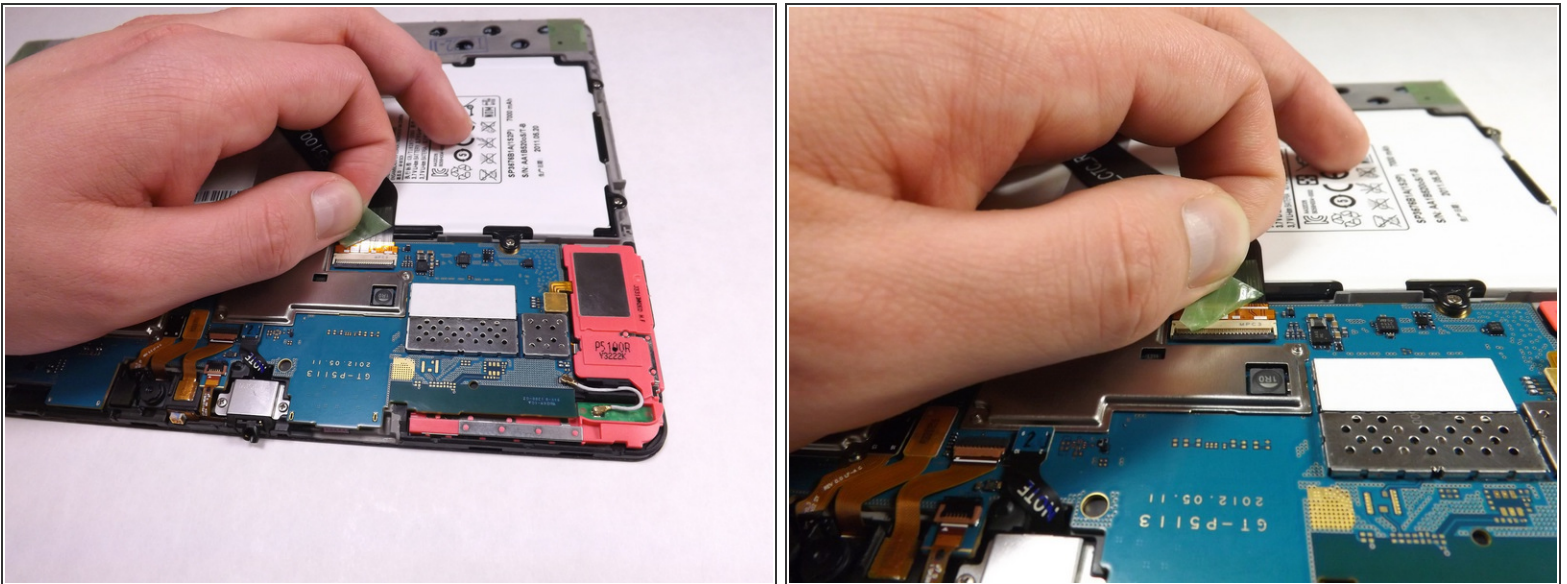
Step 4



- Insert the flat end of the heavy-duty spudger between the wires and underneath the battery connector. Carefully lift the black battery connector up to disconnect it from the motherboard.

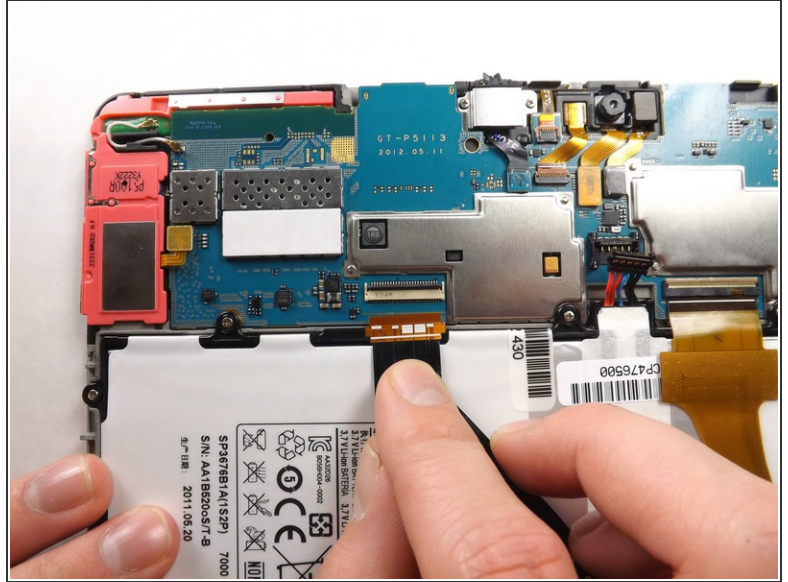
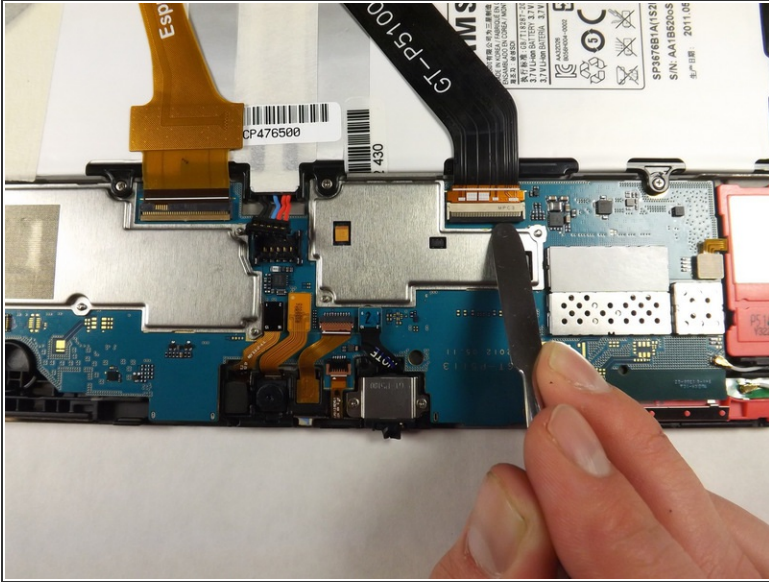
⚠ The metal spudger shown in the photo is not recommended due to the possibility of an electrical short. Use an ESD-safe tool, such as a heavy-duty (nylon) spudger.

Step 5 — Charger Port



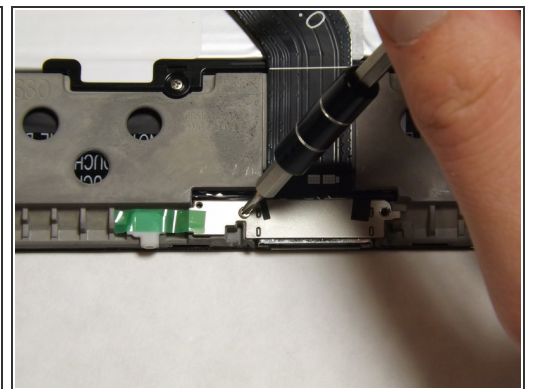
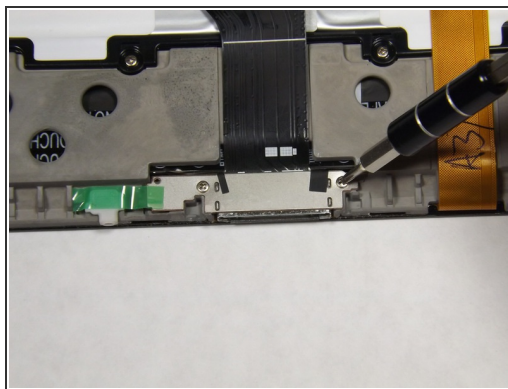
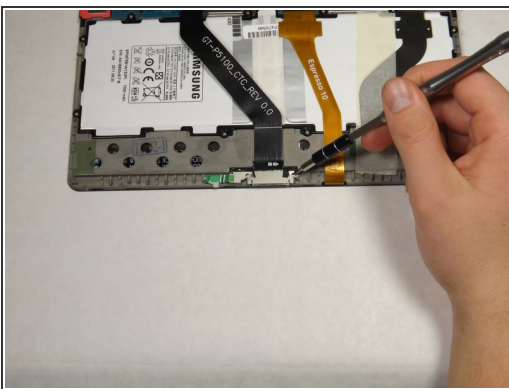
- The charging port cable is the black cable connected to the charger port. Using your fingers, peel the green tape off of the charging port cable connector.

Step 6



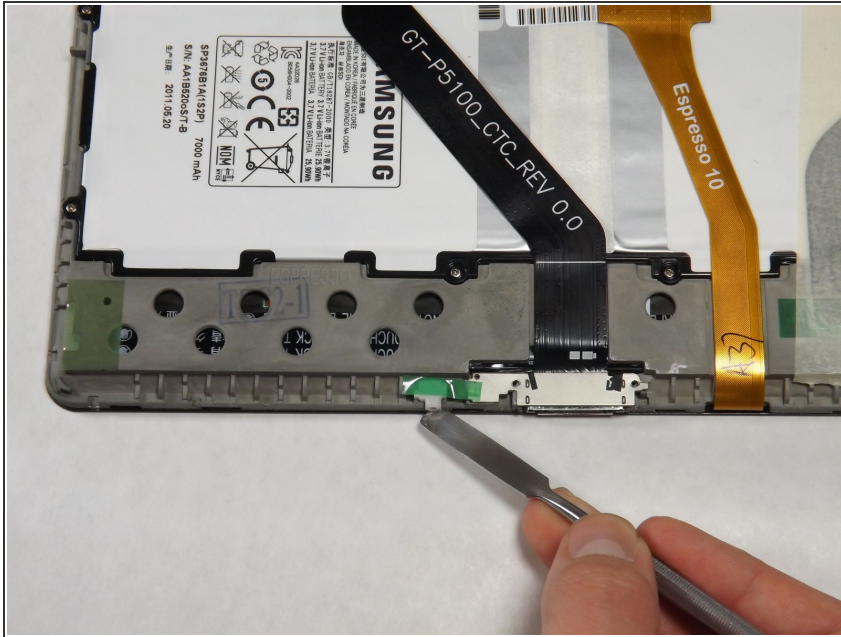
- Using the flat end of heavy-duty spudger, carefully lift the black tab that holds the charger port cable in place.
- Slide the cable out.
- i** There is a small strip of adhesive holding the charger port cable to the battery. You may need to slide the heavy-duty spudger between the cable and the battery to slide the cable out.

Step 7



- Use the Phillips 000 screwdriver to unscrew the two 3mm screws holding the charger port in place.

Step 8



- Use the flat end of the heavy-duty spudger to lift the white microphone piece until it is removed from its socket.

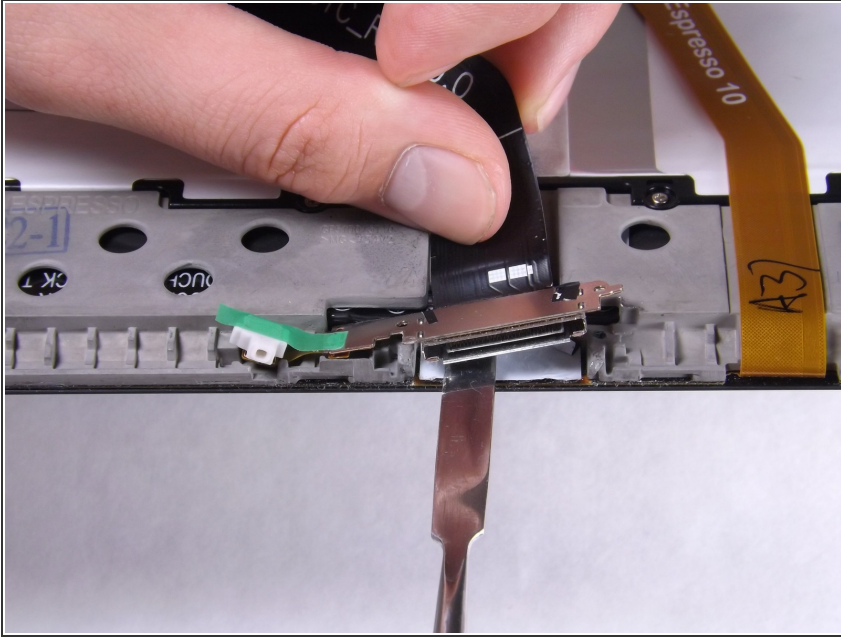
Step 9



⚠ Be sure to insert the spudger **underneath** the charger port and not inside the charger port to avoid damaging the component

- Slide the flat end of the heavy-duty spudger under the charger port.
- Make sure the spudger is all the way to the back of the cavity and slide horizontally across the bottom to break the adhesive.

Step 10



- Lift the charger port with the flat end of the heavy-duty spudger and remove it from the device.

To reassemble your device, follow these instructions in reverse order.

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